

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------|---------------------------------------------------------|------------------|---------|------------------|
| S5 | 965 | 370/328.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 13:42 |
| S6 | 1462 | 370/338.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:54 |
| S7 | 1319 | "GGSN" same "SGSN" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:28 |
| S8 | 1187 | S7 same (GPRS or GSM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:58 |
| S10 | 52 | @ad<"19981231" and S8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:10 |
| S11 | 62 | S8 and S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:06 |
| S12 | 60 | S11 not S10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:00 |
| S13 | 50 | S10 not S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:00 |
| S14 | 50 | @ad<"19981231" and S13 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:06 |
| S15 | 2 | @ad<"19981231" and S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 09:33 |

| | | | | | | |
|-----|-----|---------------------------|---------------------------------------------------------|----|----|------------------|
| S16 | 97 | S8 and S6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:06 |
| S17 | 4 | @ad<"19981231" and S16 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:54 |
| S18 | 0 | @rlad<"19981231" and S16 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:10 |
| S19 | 0 | @rlad<"19981231" and S11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:10 |
| S20 | 20 | @rlad<"19981231" and S8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:46 |
| S21 | 34 | "GGSN" with selection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:49 |
| S22 | 6 | "GGSN" with selection.ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:43 |
| S23 | 1 | @rlad<"19981231" and S21 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:48 |
| S24 | 4 | @ad<"19981231" and S21 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:50 |
| S25 | 297 | "GGSN" with control | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:49 |

| | | | | | | |
|-----|------|---------------------------|---------------------------------------------------------|----|----|------------------|
| S26 | 8 | @ad<"19981231" and S25 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 15:00 |
| S27 | 3169 | 370/401.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:56 |
| S28 | 69 | S27 and S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:54 |
| S29 | 4 | @ad<"19981231" and S28 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:54 |
| S30 | 639 | 370/216.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:57 |
| S31 | 3 | S7 and S30 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:57 |
| S32 | 116 | S7 same (GPRS or GSM).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:58 |
| S33 | 26 | "CGSN" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 14:59 |
| S34 | 7 | @ad<"19981231" and S33 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 15:01 |
| S35 | 7 | @ad<"19981231" and S32 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 17:14 |

| | | | | | | |
|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S36 | 63 | @ad<"19981231" and S7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:15 |
| S37 | 11 | S36 NOT S10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 15:06 |
| S38 | 1 | ("6061346").PN. OR ("6636502"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/01 15:12 |
| S39 | 1 | ("2001/0019544").URPN. | USPAT | OR | ON | 2004/12/01 15:13 |
| S40 | 17 | ("4233473" "5276731" "5386456" "5495471" "5636217" "5901359" "5920697" "6078584" "6144857").PN. OR ("6233458").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/01 15:13 |
| S41 | 9 | ("6104929" "6185227" "6230005" "6233458" "6256498" "6466566").PN. OR ("6545992"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/01 15:15 |
| S42 | 2 | "5752162".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 15:54 |
| S43 | 0 | "GGSN" same "network load\$3" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:04 |
| S44 | 19 | "GGSN" same "bottleneck" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:14 |
| S45 | 129 | "GGSN" same "signalling" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:47 |
| S46 | 4 | "GGSN" same "signalling".ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:14 |

| | | | | | | |
|-----|-----|------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S47 | 10 | @ad<"19981231" and S45 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:29 |
| S48 | 7 | ("5561836").PN. OR ("5752162"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/01 16:24 |
| S49 | 190 | S7 same tunnel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:28 |
| S50 | 4 | @ad<"19981231" and S49 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:29 |
| S51 | 0 | "GGSN" same "load balanc\$3" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:47 |
| S52 | 0 | "gprs" same "load balanc\$3" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:47 |
| S53 | 1 | "ggsn" same "load balance" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:48 |
| S54 | 2 | "ggsn" same "re-allocation" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:49 |
| S55 | 0 | "ggsn" same "re-distribution" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:49 |
| S56 | 19 | "ggsn" same "sharing" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:49 |

| | | | | | | |
|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S57 | 2 | "selecting gateway node" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:58 |
| S58 | 113 | "gateway node" same "support node" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 16:59 |
| S59 | 0 | S4 and S58 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 17:00 |
| S60 | 8 | S5 and S58 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 17:13 |
| S61 | 10 | ("5590133" "5666348" "5923649" "6104929" "6246688" "6360264" "6389008" "6396828" "6466552" "6480485").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/01 17:00 |
| S62 | 2 | "5325362".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 17:23 |
| S63 | 53 | ("4989204" "5159592" "5181200" "5276680").PN. OR ("5325362").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/01 17:13 |
| S64 | 0 | @ad<"19981231" and S56 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 17:14 |
| S65 | 0 | @rlad<"19981231" and S56 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 17:14 |
| S66 | 2 | "6728208".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 17:26 |

| | | | | | | |
|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S67 | 17 | ("5311513" "5497371" "5684791" "5745380" "5771459" "5787080" "5956341" "5970062" "6011776" "6023456" "6026082" "6084888" "6157614" "6188670" "6412006" "6477141" "6487212").PN. OR ("6728208").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/01 17:25 |
| S68 | 2 | "6636491".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/01 17:26 |
| S69 | 11 | ("5590133" "5666348" "5923649" "6104929" "6246688" "6360264" "6389008" "6396828" "6466552" "6480485").PN. OR ("6636491"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/01 17:27 |
| S70 | 969 | 370/328.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 09:31 |
| S71 | 1469 | 370/338.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 09:31 |
| S72 | 7938 | node same gateway | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 09:37 |
| S73 | 133 | S70 and S72 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 09:33 |
| S74 | 15 | @ad<"19981231" and S73 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 09:38 |
| S75 | 209 | "Gateway Support Node" same "Support Node" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 09:38 |

| | | | | | | |
|-----|------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S76 | 19 | @ad<"19981231" and S75 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 09:39 |
| S77 | 1 | @rlad<"19981231" and S75 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 10:18 |
| S78 | 48 | ("4755992" "5251205" "5313465" "5325362" "5590133" "5717689" "5793762").PN. OR ("5970059").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/02 09:51 |
| S79 | 1 | ("6061346").PN. OR ("6636502"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/02 10:15 |
| S80 | 639 | 370/216.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 16:40 |
| S81 | 374 | 370/217.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 16:39 |
| S82 | 226 | 370/218.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 16:39 |
| S83 | 632 | 370/228.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 16:41 |
| S84 | 1469 | 370/338.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:05 |
| S85 | 1326 | "GGSN" same "SGSN" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 16:41 |
| S86 | 3 | S85 and S80 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 16:43 |

| | | | | | | |
|-----|-------|--------------------------|---------------------------------------------------------|----|----|------------------|
| S87 | 5691 | control adj node | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 16:42 |
| S88 | 15 | S80 and S87 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 16:46 |
| S89 | 63 | @ad<"19981231" AND S85 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 17:59 |
| S90 | 20 | @rlad<"19981231" AND S85 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 16:46 |
| S91 | 82 | S89 or S90 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 17:05 |
| S92 | 82540 | "455"/\$\$\$\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 17:05 |
| S93 | 32 | S92 and S89 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 17:06 |
| S94 | 12 | S92 and S90 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 17:06 |
| S96 | 44 | S93 or S94 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:06 |
| S97 | 9295 | load adj balancing | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:16 |

| | | | | | | |
|----------|------|--------------------------------|-----------------------------------------------------------|----|----|------------------|
| S98 | 53 | S84 and S97 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 17:58 |
| S99 | 7 | @ad<"19981231" AND S98 | US-PGPUB; USPAT; . EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:06 |
| S10 0 | 4 | @rlad<"19981231" AND S98 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:02 |
| S10 1 | 3178 | 370/401.ccls. | US-PGPUB; USPAT; . EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:05 |
| S10 2 | 210 | S97 and S101 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:14 |
| S10 3 | 65 | @ad<"19981231" AND S102 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:06 |
| S10 4 | 23 | @rlad<"19981231" AND S102 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:06 |
| S10 5 | 73 | S103 or S104 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:06 |
| S10 6 | 29 | S97 and S85 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:14 |
| S10 7 | 9 | (load adj balancing) same gprs | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:18 |

| | | | | | | |
|----------|-----|-----------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| S10 8 | 113 | (load adj balancing) same (packet adj switch\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/12/02 18:19 |
|----------|-----|-----------------------------------------------------|---------------------------------------------------------|----|----|------------------|